

===== WPI =====

TI - Agricultural antimicrobial compsns. for mildew - contain cymoxanic, fosetyl and opt. tetra:chloro:isophthalonitrile or basic inorganic copper cpd.

AB - J05194129 Agricultural compsns. contain effective ingredients of cymoxanil (I) and fosetyl (II)., opt. contg. tetrachloroisophthalonitrile (III), TPN or basic inorganic Cu cpd. (IV), partic. basic Cu sulphate or chloride.

- Cpd. (I), (II), (III) and (IV) are pref. mixed at wt. ratios of 1 : 1.5-3 : 0.5-1.5 : 0.5-2, or commerical compsns. of cpds. (I) and (II) are mixed together with conventional agricultural additives and carriers. The resultant compsns. are dispersed at ratios of 10-500 g/1,000m² of cpd. (I) at concns. of 0.002-1.0%.

- USE/ADVANTAGE - Synergistic compsns. effective partic. against downy mildew and powdery mildew with less toxicity and residual toxicity to animals including human being and agricultural plants.

- In an example, commerical compsn. contg. (A) cpd. (I) or (B) cpd. (II) were dispersed to give concns. of 500 and 1,000 ppm., respectivley, to tomatoes spread with a zoospore suspension of Phytophthora infestans. Also (C) a compsns. contg. both cpds. (I) and (II) are dispersed to give same concns.. The disease developed to (A), (B) and (C) at ratios of 50.0, 61.0 and 28.0%, and prevented the onset of disease at ratios of 36.7, 22.8 and 64.6%, respectively(Dwg.0/0)

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PR - JP920006722 920117

PA - (DUPO) DU PONT JAPAN LTD

MC - C05-A03A C05-B01P C10-A13B C10-A15 C12-A02C C12-C09

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